



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday, April 16, 2007

Major Developments

Wind Storms Knock Out Power to More Than 1.3 Million Customers Along the East Coast

A massive storm front with high winds moved across the eastern half of North America yesterday and today dumping snow on the Northeast and knocking out power to more than 1.3 million customers along the East Coast from Quebec to Florida. As of the latest information at 5:00 p.m. EST, electric utility websites and local media were reporting more than 977,000 customers still without power. At the time of this report, outages were still increasing in some areas as winds intensified. The states with the greatest numbers of outages are North Carolina, Maine, Maryland, and Virginia. Utilities in New England and New York are expecting longer restoration times due to flooding and other factors that could slow restoration.

East Coast Customer Power Outages			
April 15-16, 2007			
Electric Company	State	Peak	Latest Reported
Connecticut Power & Light	Connecticut	32,000	19,750
Central Maine Power	Maine	125,800	125,800
Bangor Hydro	Maine	3,300	3,300
NSTAR	Massachusetts	52,000	17,000
National Grid	Massachusetts	22,000	22,000
Public Service of New Hampshire	New Hampshire	44,000	36,000
Unitil	New Hampshire	20,000	10,000
National Grid	New Hampshire	5,200	5,200
National Grid	Rhode Island	15,200	15,200
Central Vermont Public Service	Vermont	35,000	35,000
New England Subtotal		354,500	289,250
Public Service Electric & Gas	New Jersey	66,000	8,000
Jersey Central Power & Light	New Jersey	4,000	1,000
Atlantic City Electric	New Jersey	4,361	4,361
National Grid	New York	32,884	32,884
New York State Electric and Gas	New York	32,000	16,500
Consolidated Edison	New York	3,400	3,000
Long Island Power Authority	New York	4,500	435
PECO Energy	Pennsylvania	22,000	22,000
Mid-Atlantic Subtotal		169,145	91,380
Delmarva Power	Delaware	17,000	13,369
Pepco	District of Columbia	4,470	4,470
JEA	Florida	23,000	4,000
Florida Power & Light	Florida	36,070	0
Progress Energy	Florida	5,800	0
City of Tallahassee	Florida	10,000	0
Georgia Power	Georgia	4,000	4,000
Pepco	Maryland	21,421	21,421
Baltimore Gas & Electric	Maryland	110,000	55,000
Delmarva Power	Maryland	2,462	2,462
Duke Energy	North Carolina	193,629	193,629
Progress Energy	North Carolina	65,000	60,000
Duke Energy	South Carolina	40,000	7,181
Dominion Virginia Power	Virginia	55,252	55,252
Appalachian Power	Virginia	50,000	39,500
South Atlantic Subtotal		638,104	460,284
Hydro One	Ontario, Canada	20,000	20,000
Hydro-Quebec	Quebec, Canada	120,000	120,000
Canada Subtotal		140,00	140,000
TOTAL*		1,301,749	977,714

* Due to a large number of service providers, including investor owned utilities and cooperatives, the number of customer outages reported may not be comprehensive.

Sources:

New England:

http://www.boston.com/news/local/vermont/articles/2007/04/16/more_than_25000_without_power_in_vermont/
http://www.cmpco.com/news/archives/press_releases/2007/070416a.html
<http://www.bhe.com/about/outages.cfm#>
<http://www.wcsh6.com/news/article.aspx?storyid=57877>
<http://www.eyewitnessnewstv.com/Global/story.asp?S=6374962&nav=F2DO>
<http://www.psnh.com/aboutpsnh/mediacenter/stormupdates.asp>
<http://www.concordmonitor.com/apps/pbcs.dll/article?AID=/20070416/REPOSITORY/70416001>
<http://www.cl-p.com/stormcenter/outage.aspx>
http://www.nstaronline.com/residential/customer_information/storm_center/updates.asp
<http://www.eyewitnessnewstv.com/Global/story.asp?S=6376894&nav=F2DO>

Mid-Atlantic:

<https://www1.nationalgridus.com/niagaramohawk/storm/OutagesByCounty.aspx>
<http://www.nyseg.com/nysegweb/webcontent.nsf/company/News841617>
http://www.13wham.com/news/state/story.aspx?content_id=627da188-b191-4318-8811-e1c2f27f3457
<http://www.coned.com/newsroom/news/pr20070416.asp>
<http://freeinternetpress.com/story.php?sid=11368>
<http://www.lipower.org/stormcenter/outages/township.html>
http://blog.nj.com/ledgerupdates/2007/04/18870_pseg_customers_without_p.html
<http://www.nbc10.com/news/12143235/detail.html>

South Atlantic:

<http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20070416/NEWS/704160359/1006/NEWS>
<http://www.delawareonline.com/apps/pbcs.dll/article?AID=/20070416/NEWS/70416042>
<http://www.delmarva.com/home/emergency/maps/outage/>
<http://ir.constellation.com/phoenix.zhtml?c=112182&p=irol-newsBGEArticle&ID=985410&highlight>
<http://www.pepco.com/home/emergency/maps/zip/default.aspx>
http://www.dom.com/news/outage_sos.jsp
http://www.washingtonpost.com/wp-dyn/content/article/2007/04/16/AR2007041600351_pf.html
<http://www.leesburg2day.com/articles/2007/04/16/news/fp984weather041607.txt>
<http://www.appalachianpower.com/news/outages/viewstorm.asp?stormID=643>
<http://externalapps.jea.com/currentoutages/CurrentOutages.asp>
<http://www.firstcoastnews.com/news/mostpopular/news-article.aspx?storyid=80118&provider=top>
<http://www.tallahassee.com/apps/pbcs.dll/article?AID=/20070415/BREAKINGNEWS/70415004>
<http://www.duke-energy.com/outages/stats/>
<http://charlotte.com/109/story/87164.htm>
http://www.fayobserver.com/article_ap?id=103886
<http://www.pnnewswire.com/cgi-bin/stories.pl?ACCT=104&STORY=/www/story/04-16-2007/0004566385&EDATE>
<http://www.accessnorthga.com/news/hall/newfullstory.asp?ID=113449>
<http://www.news-journalonline.com/NewsJournalOnline/News/Headlines/frtHEAD04041607.htm>
<http://www.sun-sentinel.com/news/local/broward/sfl-cweather16apr16.0.7448468.story?coll=sfla-news-broward>
<http://www.wmtw.com/news/12188678/detail.html>
http://blog.nj.com/ledgerupdates/2007/04/9000_still_without_power.html
<http://www.thetimesnews.com/onset?id=801&template=article.html>

Canada:

Reuters, 11:33, April 16, 2007

<http://www.canada.com/nationalpost/story.html?id=2691c266-01e5-40c5-96af-814732b21743&k=54270>

Electricity

New Emergency Sirens at Entergy's Indian Point Nuclear Plant in New York Fail Final Test

The nuclear plant's new \$15 million emergency sirens failed final test, and plant officials are seeking an extension to address the issue. Although it passed five tests on April 11, it failed the last, radio-controlled activation test, in which a total of 30 sirens failed. Entergy spokesperson said the company also found out that Federal Emergency Management Agency sound audits showed siren volumes that were lower in spots than the company's siren vendor had measured.

<http://www.nyjournalnews.com/apps/pbcs.dll/article?AID=/20070413/NEWS01/704130370>

Update: Energy Northwest's 1,150 MW Columbia Nuke Unit in Washington Increases Output April 16

Columbia nuclear reactor shut on April 7 following a fire, which affected a backup power supply transformer. The unit ramped up to 98 percent of capacity around 7 a.m. this morning after repairs.
Bloomberg News, 13:19 April 16, 2007

California ISO Investigates Power Interruption - No Impact on the Grid

The California Independent System Operator has launched an investigation into an incident following a power interruption to certain computer systems. All systems were restored by 6 a.m. without affecting the grid. More details will be provided as they become available.
Bloomberg News, 13:26 April 16, 2007

Reliant's 320 MW Gas-fired Etiwanda Unit 4 in California Shut April 13

Reuters, 10:43 April 16, 2007

SCE's 525 Gas-Fired Mountainview Units 3 and 4 Shut April 13

Reuters, 10:43 April 16, 2007

Petroleum

FCC Unit at ExxonMobil's 563,000 b/d Baytown Refinery in Texas Recovers from Boiler Shutdown April 14

The gasoline-producing fluidic catalytic cracking unit No. 3 shut down on Friday, April 13 but recovered by Saturday morning.
Reuters, 16:57 April 15, 2007

Natural Gas

FERC Approves Transcontinental's Gas Pipeline Expansion in D.C. Metropolitan Area

The proposed natural gas pipeline would expand the throughput on Transcontinental's existing mainline from interconnections with East Tennessee Gas and Pine Needle LNG in North Carolina to serve Washington, D.C., Baltimore, MD, and the rest of the metropolitan area. The expansion would create 165 MMcf/d of new transportation capacity.

<http://intelligencepress.com/subscribers/daily/news/d20070416d.html>

<http://www.platts.com/Natural%20Gas/News/6375931.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

FERC Issues Environmental Approval for Pipeline Expansion Projects

FERC issued favorable draft environmental approval for Guardian Pipeline's expansion and extension project in Illinois and Wisconsin, and Gulf South Pipeline Co.'s Southeast expansion project in Mississippi and Alabama.

<http://intelligencepress.com/subscribers/daily/news/d20070416e.html>

Canada's National Energy Board Issues Environmental Approval to Emera's Gas Pipeline Plan

The proposed 90-mile pipeline will deliver natural gas from the planned Canaport LNG import terminal near Saint John, NB to markets in Canada and the U.S. Northeast.

<http://intelligencepress.com/subscribers/daily/news/d20070416j.html>

El Paso's Cypress Gas Pipeline to Begin Operation on May 1 in Georgia and Florida

The 165-mile, 24-inch diameter pipeline will run from Chatham County, Georgia to Clay County, Florida, interconnecting with Florida Gas Transmission pipeline with a 220,000 Mcf/d capacity.

<http://www.platts.com/Natural%20Gas/News/6376098.xml?p=Natural%20Gas/News&sub=Natural%20Gas>

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
April 16, 2007			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	63.61	61.89	69.46
NATURAL GAS Henry Hub \$/Million Btu	7.93	7.65	6.64

Source: Reuters

Energy Notes

OPEC Lowers 2007 Demand Forecasts by 40,000 b/d to 85.44 Million b/d

<http://www.platts.com/Oil/News/8989756.xml?p=Oil/News&sub=Oil>

Canadian Coal Producers May Face Delivery Disruptions Due to Possible Labor Strikes

<http://www.platts.com/Coal/News/6376096.xml?p=Coal/News&sub=Coal>

ConocoPhillips, Tyson Foods to Produce Renewable Diesel Fuel Using Fat from Meat

<http://biz.yahoo.com/bizj/070416/1447780.html?v=1>

Two Mexico Oil Ports – Pajaritos and Dos Bocas – Reopen After a Weekend Shutdown

Reuters, 11:33 April 16, 2007

Supertankers to Grow by 5 Percent to 150.3 Million Tons in 2007, According to Ship Broker

Bloomberg News 08:57 April 16, 2007

OPEC Ready to Increase Supply if Global Demand Rises

Bloomberg News, 07:54 April 16, 2007

American Wind Energy Association Reveals 11,600 MW Wind Power in the U.S.

[http://uaelp.pennnet.com/display_article/289724/22/ARTCL/none/none/\\$4-billion-in-investment,-installed-capacity-of-11,600-MW:-AWEA-releases-annual-wind-power-rankings/](http://uaelp.pennnet.com/display_article/289724/22/ARTCL/none/none/$4-billion-in-investment,-installed-capacity-of-11,600-MW:-AWEA-releases-annual-wind-power-rankings/)

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

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